

Applic (No,Kind,Date): US 571629 A 19951213
 National Class: * 204243000R; 204294000; 264030000; 264039000;
 264293000

IPC: * C25C-003/08; F27D-001/16; B28B-007/04; B29C-059/00

CA Abstract No: * 125(04)043752P

Derwent WPI Acc No: * C 96-171642

Language of Document: English

Patent (No,Kind,Date): US 5888360 A 19990330

CELL FOR ALUMINIUM ELECTROWINNING (English)

Patent Assignee: MOLTECH INVENT SA (LU)

Author (Inventor): DE NORA VITTORIO (BS)

Priority (No,Kind,Date): US 961924 A 19971031; US 571629 A3

19951213; US 302178 B1 19940908

Applic (No,Kind,Date): US 961924 A 19971031

Addnl Info: 5683559 Patented

National Class: * 204243000R; 204245000; 204294000

IPC: * C25C-003/08

CA Abstract No: * 125(04)043752P

Derwent WPI Acc No: * C 96-171642

Language of Document: English

Patent (No,Kind,Date): US 6093304 A 20000725

CELL FOR ALUMINIUM ELECTROWINNING (English)

Patent Assignee: MOLTECH INVENT SA (LU)

Author (Inventor): DE NORA VITTORIO (BS)

Priority (No,Kind,Date): US 277930 A 19990329; US 961924 A1

19971031; US 571629 A3 19951213; US 302178 B1 19940908

Applic (No,Kind,Date): US 277930 A 19990329

Addnl Info: 5888360 Patented; 5683559 Patented

National Class: * 205381000; 204245000; 204294000

IPC: * C25C-003/08; C25C-003/00; C25B-011/12

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			US 302178 B1	19940908
US 5683559	P	19951213	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
			US 571629 A	19951213
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US 5683559	P	20020108	US FP	EXPIRED DUE TO FAILURE TO
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			20011104	
US 5888360	P	19940908	US AA	PRIORITY
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US 5888360	P	19951213	US AA	PRIORITY
			US 571629 A3	19951213
US 5888360	P	19971031	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
			US 961924 A	19971031
US 5888360	P	19990330	US A	PATENT
US 6093304	P	19940908	US AA	PRIORITY
			US 302178 B1	19940908
US 6093304	P	19951213	US AA	PRIORITY
			US 571629 A3	19951213
US 6093304	P	19971031	US AA	PRIORITY
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US 6093304	P	19990329	US AE	APPLICATION DATA (PATENT)
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WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Patent (No,Kind,Date): WO 9607773 A1 19960314

ALUMINIUM ELECTROWINNING CELL WITH IMPROVED CARBON CATHODE BLOCKS
(English)

Patent Assignee: MOLTECH INVENT SA (LU); NORA VITTORIO DE (BS)

Author (Inventor): DE NORA VITTORIO (BS)

Priority (No,Kind,Date): US 302178 A 19940908

Applic (No,Kind,Date): WO 95IB721 A 19950830

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DATA)

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WO 9607773 P 19960314 WO AK DESIGNATED STATES CITED IN A
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WITH SEARCH REPORT)AT AU BR CA CH CN CZ DE ES GB HU IS JP KP KR
MX NO NZ PL RO RU SE SI SK TJ UA USWO 9607773 P 19960314 WO AL DESIGNATED COUNTRIES FOR
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PHASE IN:

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WO 9607773 P 19970626 DE 8642/REG WITHDRAWAL (ZURUECKNAHME)

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Moltech Invent S A LU

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Number	Date

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Reissue Requested:

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Number	Date	in OG	Group	Patent No.

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PATENT FAMILY:

AUSTRALIA (AU)

Patent (No,Kind,Date): AU 9531901 A1 19960327

ALUMINIUM ELECTROWINNING CELL WITH IMPROVED CARBON CATHODE BLOCKS
(English)

Patent Assignee: MOLTECH INVENT SA

Author (Inventor): NORA VITTORIO DE

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Language of Document: English

Patent (No,Kind,Date): AU 9865932 A1 19980730

ALUMINIUM ELECTROWINNING CELL WITH IMPROVED CATHODE BOTTOM (English)

Patent Assignee: MOLTECH INVENT SA

Author (Inventor): NORA VITTORIO DE

Priority (No,Kind,Date): US 302178 A 19940908

Applic (No,Kind,Date): AU 9865932 A 19980514